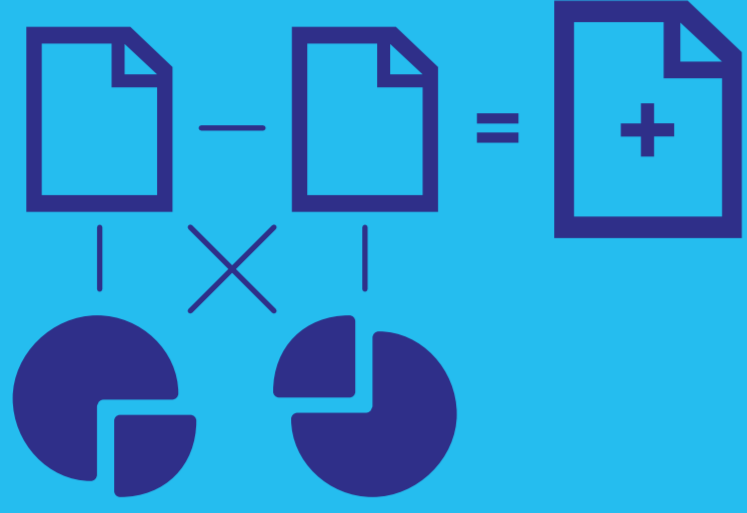


Infrastructure

RESEARCH OUTPUT FROM REPOSITORY NETWORK. INTEGRATED EUROPEAN RESEARCH INFORMATION WITH LINKS FROM PUBLICATIONS TO RESEARCH DATA AND FUNDING.



Services

ACCESS, SHARE, REUSE, ENHANCE AND MONITOR RESEARCH OUTPUT. DISSEMINATE AND INTEGRATE RESEARCH RESULTS.



OpenAIRE

Guidelines

Supporting interoperability for Data Archives

What are the OpenAIRE guidelines?

- Since 2010, the OpenAIRE Guidelines have been used to support content providers to build Europe's Scholarly Knowledge Space and to comply with EC OA policies.
- They provide guidance on how:
 - to interpret and expose metadata,
 - to promote interoperability,
 - to get validated and aggregated into the OpenAIRE infrastructure.
- In collaboration with key stakeholders three sets of guidelines were developed, all based on existing well-established standards:
 - Guidelines for Literature Repositories using Dublin Core,
 - Guidelines for Data Repositories using DataCite Metadata Schema,
 - Guidelines for CRIS systems: based on CERIF-XML.
- Best practices for the use of transfer protocol (OAI-PMH), metadata formats and controlled vocabularies.

Why specific guidelines for data repositories & how do they work?

- OpenAIRE collects and exposes research datasets related to OA publications in OpenAIRE and/or with links to funding information.
- OpenAIRE has adopted the DataCite Metadata Schema as the basis for harvesting datasets since it provides a domain agnostic schema.
- The guidelines defines how to specify:
 - a) Funding information, b) Access rights and/or license,
 - c) Related publications and datasets, d) Embargo date information.Validation/registration of OpenAIRE compatible data repositories.
- OpenAIRE harvests data archives via OAI-PMH using the set 'openaire_data' (optional).
- Regular aggregation from data repositories and inference of links to projects, related data and publications.

What's in addition to the DataCite schema?

- OpenAIRE accepts other persistent identifier schemes and not only a DOI as identifier.
- OpenAIRE recommends exporting links to related publications and datasets via the 'RelatedIdentifier' property.
- OpenAIRE recommends using the 'Contributor' property to relate a dataset to funding information.
- DataCite optional properties 'Date' and 'Description' are mandatory in OpenAIRE.
- OpenAIRE uses 'Rights' property to explicit declare the access right of the resource.

How to get involved?

- Find and discuss the guidelines at: guidelines.openaire.eu
- Test the compatibility and register the repository with a few clicks at: validator.openaire.eu
- Find help & support and more information: www.openaire.eu

Guidelines will continue to be developed in the OpenAIRE2020 project (2015-2018) funded by the EC Horizon 2020 Programme.



Research repositories link to OpenAIRE

PUBLICATIONS
DATA
FUNDING INFORM



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